Client Reference: RAJ-011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

ĎAVID L O'MEARA, et al.

Group Art Unit: 2812

Application No.: 10/630,970

Examiner:

Filed: July 31, 2003

Confirmation No.: 1845

For: METHOD OF FORMING UNIFORM ULTRA-THIN OXYNITRIDE LAYERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

JAN 0 9 2004

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449s. As this application was filed after June 30, 2003, no copies of the cited U.S. patent or patent publication are attached. However, one copy of each non-patent literature reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Respectfully Submitted

Dale S. Lazar

Registration Number 28872

Date: January 9, 2004

PILLSBURY WINTHROP LLP Telephone: (703) 905-2000 Facsimile: (703) 905-2500

P.O. Box 10500 McLean, VA 22102

บร-

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

Substitute for form 1449A/PTO	Complete if Known		
	Application Number	10/630,970	
INFORMATION DISCLOSURE	Filing Date	07/31/2003	
STATEMENT BY APPLICANT	First Named Inventor	DAVID L O'MEARA	
	Art Unit	2812	
(Hee as many shoots as nosassan)	Examiner Name		

Attorney Docket Number 071469-0303786 Sheet of U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Applicant of Cited Document Publication Date MM-DD-YYYY Examiner **Document Number** Relevant Passages or Relevant Initials* Figures Appear Number-Kind Code² (if known) US-6,197,641 03-06-2001 HERGENROTHER et al. 1 US-THAKUR et al. 2 6,090,723 07-18-2000 US-BAYER et al. 3 5,817,581 10-06-1998 US-08-02-1994 DOERRE et al. 4 5,334,281 US-5 5,264,396 11-23-1993 THAKUR et al. US-RAAIJMAKERS et al. Αl 10-18-2001 2001/0031562 6 บร-LIS. us. US-US-USus-115-ÚS-US-US-

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Xind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ⁶
						Π
						\top
	-					T

	The state of the s		
Examiner		Date	
		Considered	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JAN 0 9 2004 %

PTO/SB/08b(05-03)
Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO Complete if Known **Application Number** 10/630,970 INFORMATION DISCLOSURE Filing Date 07/31/2003 STATEMENT BY APPLICANT First Named Inventor DAVID L O'MEARA Art Unit 2812 (Use as many sheets as necessary) Examiner Name Attorney Docket Number 071469-0303786 Sheet

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
	A	LIU, H. I. ET AL., "Self-limiting oxidation of Si nanowires," J. Vac. Sci. Technol. B, American Vacuum Society, Vol. 11 (No. 6), p. 2532-2537, (Nov/Dec 1993).		
	В	LIU, H. I. ET AL., "Self-limiting oxidation for fabricating sub-5 nm silicon nanowires," Appl. Phys. Letter, American Institute of Physics, Vol. 64 (No. 11), p. 1383-1385, (March 14, 1994).		
	С	FUKUDA, HIROSHI ET AL., "Fabrication of silicon nanopillars containing polycrystalline silicon/insulator multilayer structures," Appl. Phys. Lett., American Institute of Physics, Vol. 70 (No. 3), p. 333-335, (January 20, 1997).		
	D	ROY, P. K. ET AL., "Gate Dielectrics," Bell Labs, p. 276-289.		
		·		

Examiner	Date Considered
Signature	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.